

ABSTRACT OF THE DISCLOSURE

An apparatus for sensing an occupant in a vehicle seat for a vehicle occupant restraint system is provided. The apparatus uses sensors to measure seat deflection to determine the presence, weight, and seated location of the occupant. The sensors are connected to a processor which controls air bag deployment. In one embodiment, the apparatus uses sensors that transfer linear movement to the processor. In another embodiment, the apparatus uses sensors that transfer linear to rotational movement of seat deflection to the processor.